

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (Currently Amended): A ~~An digital camera~~ apparatus having for panning and/or tilting functionality, an optical input to an objective of a camera; and the apparatus comprising:

~~a camera housing with an optical input, such as a lens or objective; an image capturing unit for producing a digital image from light received through the optical input; a controller;~~

~~a first panning mirror mounted externally rotationally coupled to the camera housing and an image rotating device, which is connected to the controller and is adapted for bending the optical input to align with an optical axis of the objective, and for to rotate panning the first mirror at an angle of rotation with respect to the optical input of to the objective of the camera housing, characterized by about the optical axis; and~~

~~an image transforming unit, which is connected to the image capturing unit and is adapted to rotate the digital image, as captured by the image capturing unit, by an angle related to the angle of rotation of the first mirror.~~

~~a tilting mirror radially displaced from the panning mirror about the optical axis, and rotationally coupled to the camera for rotation concentric with the panning mirror about the optical axis, and the tilting mirror optically coupled with the panning mirror to tilt the optical input in selectable amounts.~~

Claim 2 (Currently Amended): ~~A digital camera as in~~ The apparatus of claim 1, further comprising:

~~a second mirror mounted externally to the camera housing, wherein the image rotating device is adapted to rotate the second mirror at a second angle of rotation with respect to the optical input of the camera housing.~~

- a planetary linkage coupling the panning mirror and the tilting mirror, and including:
  - a mirror wheel rotatable about the optical axis, and the panning mirror affixed to the mirror wheel and the tilting mirror tiltably affixed to the mirror wheel both for rotation about the optical axis;
  - a guide wheel rotatable about the optical axis; and
  - a planetary member mechanically coupled to both the guide wheel together with the mirror wheel such that a relative rotation there between produces a rotation of the planetary member and the planetary member further coupled to the tilt mirror such that the rotation of the planetary member effects the tilting of the tilt mirror.

Claim 3 (Currently Amended): ~~An image rotating device for a digital camera having a camera housing, an optical input, such as a lens or objective, and an image capturing unit for producing a digital image from light received through the optical input, the image rotating device comprising a first mirror mounted externally to the camera housing, and a first rotational member for rotating the first mirror at a first angle of rotation with respect to the optical input of the camera housing, characterized by~~

~~a second mirror mounted externally to the camera housing; and~~

~~a second rotational member for rotating the second mirror at a second angle of rotation with respect to the optical input of the camera housing.~~

The apparatus of claim 1, wherein the panning mirror couples to the camera for panning the optical input throughout and entire 360 degrees about the optical axis.

**Claim 4 (New):** A method for panning and tilting an optical input to an objective of a camera; and the method comprising:

- positioning a panning mirror intersecting an optical axis of the optical input at an angle and the tilting mirror radially displaced from the optical axis of the input and optically coupled with the panning mirror;
- rotating the panning mirror together with the tilting mirror about the optical axis of the optical input to the camera to effect a panning of the optical input to the objective of the camera; and
- tilting the tilting mirror with respect to the panning mirror to effect a tilting of the optical input to the objective of the camera.

**Claim 5 (New):** The method of claim 4, further comprising:

- coupling the panning mirror, tilting mirror and camera to one another with a planetary linkage having a mirror wheel and a guide wheel independently rotatable about the optical axis of the camera; and
- converting a relative rotation between the mirror wheel and guide wheel into a tilting of the tilt mirror.

**Claim 6 (New):** A means for panning and tilting an optical input to an objective of a camera; and the means comprising:

- means for positioning a panning mirror intersecting an optical axis of the optical input at an angle and the tilting mirror radially displaced from the optical axis of the input and optically coupled with the panning mirror;
- means for rotating the panning mirror together with the tilting mirror about the optical axis of the optical input to the camera to effect a panning of the optical input to the objective of the camera; and

- means for tilting the tilting mirror with respect to the panning mirror to effect a tilting of the optical input to the objective of the camera.

Claim 7 (New): The means of claim 6 further comprising:

- means for coupling the panning mirror, tilting mirror and camera to one another with a planetary linkage having a mirror wheel and a guide wheel independently rotatable about the optical axis of the camera; and
- means for converting a relative rotation between the mirror wheel and guide wheel into a tilting of the tilt mirror.